

31-30-31W

STATE USE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 081-20850
County Haskell
NE SW SE Sec. 31 Twp. 30 Rge. 31 X^E_V

ORIGINAL

Operator: License # 04782

1250' Feet from (M) (circle one) Line of Section

Name: Ensign Operating Co.

1390' Feet from (V) (circle one) Line of Section

Address P.O. Box 2161

Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)

City/State/Zip Liberal, Kansas 67905

Lease Name Rooney Well # 2-31

Field Name Hugoton

Purchaser: Colorado Interstate Gas

Producing Formation Chase

Operator Contact Person: Reed Wacker

Elevation: Ground 2831' KB 2839'

Total Depth 2734' PSTD 2688'

Amount of Surface Pipe Set and Cemented at 560' Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ SX cnt.

Phone (316) 626-8131

Director: Name: Gabbert-Jones, Ilic.

License: 5842

Wellsite Geologist: None

Complete Type of Completion
X New Well Re-Entry Workover

 Oil SVD S10V Temp. Abd.
X Gas ENHR S16V
 Dry Other (Core, WSV, Expl., Cathodic, etc.)

Drilling Fluid Management Plan ALT 1 of 2 3-28-95
(Date must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

Chloride content 15000 ppm Fluid volume 1500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: KCC

Operator Name OCT 26 1995 CONFIDENTIAL

Lease Name _____ License No. _____

FROM CONFIDENTIAL _____ S Rng. _____ E/V

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

 Deepening Re-perf. Conv. to Inj/SVD
 Plug Back PSTD

 Commingled Docket No. _____

 Dual Completion Docket No. _____

 Other (SVD or Inj?) Docket No. _____

 19/94 5/21/94 6/7/94

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

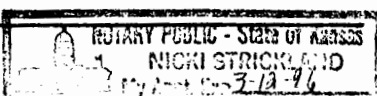
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]
Title Prod Supt Date 09/14/94

Subscribed and sworn to before me this 14th day of AUGUST, 1994.

Notary Public Nicki Strickland

Date Commission Expires 3-12-96



SEP 15 1994
KCC OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SVD/Rep NGPA
 KGS Plug Other (Specify) FS

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run: DUAL-SPACED NEUTRON

See attached

FORMATION

Log Sample

Name	Top	Bottom
See attached		

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8	24	560'	Class C	300	2% CC/1/2# per sx Floce
Production	7-7/8	4-1/2	10.5	2734'	Cl C/Poz A	425	6% Gel/1/2#

ADDITIONAL CEMENTING/SQUEEZE RECORD Class C 150 per sx Flocele

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
1 JSPF	2602', 2605', 2610', 2616', 2619', 2629', 2632', 2642', 2645', 2648', 2651', 2654', 2657' & 2660'.	1000 gal 7 1/2% MCA/71 Gal per ft. 22,300 gal of 50/50 (28% FE- HCL acid/N2) 2602-2660

TUBING RECORD Size 2-3/8" Set At 2600' Packer At None Liner Run Yes No

Date of First, Resumed Production, 3VD or Inj. 8/17/94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	NA	73	0	NA	

Disposition of Gas: Vented Sold Used for Lease

METHOD OF COMPLETION: Open Hole Perf. Quality Comp. Commingled

Production Interval: 2602/60'

(If vented, submit ACO.)

CONFIDENTIAL

31-30-31w

ORIGINAL

GABBERT-JONES, INC.
WICHITA, KANSAS

- DRILLERS' WELL LOG -

WELL NAME: ROONEY 2-31
SEC 31-30S-31W
HASKELL COUNTY, KANSAS

RELEASED

COMMENCED: 5-19-94
COMPLETED: 5-22-94
OPERATOR: ENSIGN OPERATING CO.

OCT 26 1995

DEPTH		FORMATION	FROM CONFIDENTIAL
From	To		REMARKS
0	465	Sand	
465	560	Sand-Clay	
560	1210	Redbed	Ran 13 jts of 24# 8 5/8" csg set @ 560
1210	1345	Glorietta Sand	w/175 sks PremLite
1345	1680	Redbed	class C 2% CC
1680	1735	Anhy-Redbed	1/4# Flocele Tailed w/
1735	1945	Redbed-Shale	125 sks Prem + CClass C
1945	2734	Shale	2% CC 1/4# Flocele PD @ 7:00 PM 5-19-94

2734 - TD

KUC
SEP 1 '4
CONFIDENTIAL

Ran 61 jts of 10 1/2#
4 1/2" csg set @ 2734'
w/425 sks Prem + HLC
1/4# Flocele Tailed w/
150 sks Prem +
PD @ 12:00 AM 5-22-94
RR @ 1:00 AM 5-22-94

STATE OF KANSAS]

I, the undersigned, being duly sworn

James S. Sutton, II

President

Subscribed & sworn to before
this 21th day of